Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 25 Jul 2021 until 23:59 on Monday 26 Jul 2021

Forecast Issued on Saturday 24 Jul 2021 at 16:49

Confidence: High for mostly fine conditions on Sunday and transition to more changeable weather from Monday. Medium for persistence of low cloud on Monday morning and risk of heavy, thundery showers from Monday onwards.

Headline for Sunday 25 Jul 2021:

Mountain weather hazards on Sunday 25 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Sunday 25 Jul 2021

Weather: Becoming largely cloudy overnight, but likely remaining dry. Rather breezy, but winds easing slightly with time. A mostly cloudy start to Sunday daytime. Increasingly bright or sunny intervals developing by mid-late morning with more frequent sunny spells through the afternoon. Remaining dry along with partly cloudy skies into the evening.

Chance of cloud free mountain/hill tops above 600m: 90% in the west, 70-80% in the east initially, but rapidly improving to 95% or more from mid-morning.

Visibility: Patchy cloud bases 500-700m overnight and early morning. Very good visibilities outside of any cloud. Cloud above summits from mid-morning, with distant hills easily recognisable.

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Mountain Weather Forecast

Forecast for Sunday 25 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/16 NE	8/14 NE	9/13 NE	10/14 NE	9/14 NE	9/14 NE	9/13 NE	6/9 NE	5/7 N
300	7/17 NE	5/15 NE	6/12 NE	7/13 NE	7/13 NE	7/13 NE	7/13 NE	3/8 NE	3/7 N
Valley	6/13 NE	4/10 NE	4/11 NE	6/11 NE	5/10 NE	6/12 N	6/12 NE	4/9 NE	3/6 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/8	11/9	13/11	16/14	17/15	16/15	13/12	12/11
300	12/11	12/11	13/12	17/16	19/18	20/19	19/18	15/15	12/12
Valley	13/12	12/11	14/14	18/18	21/20	22/22	21/21	17/17	14/14
Freezing Level*	2700m	2700m	2600m	2600m	2700m	2700m	2700m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunshine developing by the afternoon with high UV levels and fairly warm temperatures. Sun protection and plenty of water is advised.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 24 Jul 2021	0mm	0.2mm	0.2mm

Forecast for Monday 26 Jul 2021

Weather: Dry overnight with patches of low cloud developing. Good sunny spells during Monday, but a risk of heavy, thundery downpours into the afternoon and evening. Feeling warm.

Maximum wind: Westerly 15 mph, gusting 25 mph.

Chance of cloud free mountain/hill tops above 600m: Greater than 95% initially, but becoming 40% overnight. Improving to greater than 95% again by mid-morning. Reducing to 70% in heavier showers during the daytime and evening.

Visibility: Occasional cloud to 400-500m developing overnight and persisting through the early morning. Rather hazy beneath the cloud base. Distant hills becoming more easily visible by late morning and through the remainder of the day, but cloud bases perhaps temporarily lowering to 500-700m in daytime and evening showers.

Temperature: **Valleys:** Plus 12 becoming Plus 22 degrees Celsius.
At 600m: Plus 11 becoming Plus 18 degrees Celsius.
Freezing level: Above summits.

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